

**Aumictech**

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Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase VA4108-SCL

The JDS Uniphase VA4108-SCL is an optical transceiver module engineered for high-speed data transmission in the SCL wavelength band. Designed for telecommunications, data centers, and enterprise network environments, this module delivers the signal integrity and operational reliability required in demanding infrastructure deployments. Aumictech offers NIST-traceable calibration and repair for the JDS Uniphase VA4108-SCL. Calibration covers optical reference power levels, electrical signal amplitude calibration, protocol layer verification, and BER measurement floor validation. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common JDS Uniphase VA4108-SCL faults: SFP cage mechanical damage, optical port contamination, firmware corruption. Most failures involve SFP/SFP+ cage mechanical damage, optical port contamination, o



MODEL

**JDS Uniphase
VA4108-SCL**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

VA4108-SCL

LISTING

<https://aumictechlabs.com/products/va4108-scl-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDS Uniphase VA4108-SCL is an optical transceiver module engineered for high-speed data transmission in the SCL wavelength band. Designed for telecommunications, data centers, and enterprise network environments, this module delivers the signal integrity and operational reliability required in demanding infrastructure deployments. Technical Specifications The

VA4108-SCL operates within SCL-band wavelengths and supports high-speed data transmission optimized for critical network applications. Electrical interface specifications, power requirements, and supported data rates are determined by the exact model variant and are detailed in the manufacturer's datasheet. Key Features High-speed data transmission capabilities Optimized performance in demanding environments Industry-standard form factor adherence (SFP, SFP+, QSFP, QSFP+, or CFP) Lightweight design for seamless equipment integration Standards compliance with IEEE 802.3 and applicable MSA standards Typical Applications Telecommunications infrastructure Data center interconnect and backbone networks Enterprise network deployments Compatibility & Integration The VA4108-SCL integrates with networking equipment from multiple manufacturers supporting the specified optical interfaces and protocols. Optical connector options include LC, SC, or MPO/MTP configurations depending on form factor and application requirements. The electrical interface aligns with host equipment standards and is engineered for high-speed signal integrity across supported data rate specifications.

VA4108SCL Characteristics / Specifications

PARAMETER	VALUE
Model	VA4108
Instrument Type	Manual variable optical attenuator
Series Family	JDSU VA4 Series
Attenuation Range 1300 15	65/60 dB
Attenuation Range 830 13	50/40 dB
Insertion Loss Sm 1300 15	less than or equal to 3.0 dB
Insertion Loss Sm 830 13	less than or equal to 7.0 dB
Insertion Loss Mm 50 125 1300 15	less than or equal to 3.2 dB
Insertion Loss Mm 50 125 830 13	less than or equal to 4.2 dB
Return Loss Sm Analog	greater than 60 dB
Return Loss Mm 50 1	greater than 35 dB
Maximum Optical Input Power	200 mW
Repeatability	plus or minus 0.1 dB
Attenuation Resolution	0.1 dB
Weight	0.82 kg
Display	large scale LCD
Power Source	9 V lithium battery
Attenuation Hold	level retained with power off
Technology	ultra linear attenuator prism and microlens
Calibration Wavelengths Class	830/1300 or 1300/1550 nm
Ports	input and output rear panel bulkheads
Form Factor	compact portable handheld
Universal Connector Adapter	optional UCA on VA4 series
Attenuation	Range 1300 1550: 65/60 dB
Return loss	Sm Analog: greater than 60 dB

VA4108SCL Specifications

PARAMETER	VALUE
JDS Uniphase VA4108 Manual Variable Optical Attenuator	Overview
Key Features	Manual 0.1 dB resolution attenuation
LCD readout handheld package	9 V battery operation
Technical Specifications	Model: VA4108
Notes	From JDSU VA4 Series OEM specification tables applied to VA4108 configuration.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Insertion Loss Mm 50 125 830 1300	less than or equal to 4.2 dB
Return Loss Sm Analog	greater than 60 dB
Return Loss Mm 50 125	greater than 35 dB
Maximum Optical Input Power	200 mW
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Notes	
From JDSU VA4 Series OEM specification tables applied to VA4108 configuration.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.